

Applicant : Christopher A. Rygaard
Serial No. : 09/758,941
Filed : January 10, 2001
Page : 2 of 12

Attorney's Docket No.: 13511-006001

Amendments to the Specification:

Please replace the paragraph beginning at page 3, line 17 with the following amended paragraph:

A Trusted Computing Base (TCB) is the collection of computers, computer peripherals, and communication networks which must perform all requested operations properly, and must not perform extraneous operations, and are trusted to do so, in order to properly complete whatever computations are required. ~~[[.]]~~ A host outside of the TCB can perform nefarious tasks on the mobile application. This nefarious behavior cannot be controlled, and it cannot be detected. Therefore, once a mobile application has visited an untrusted host, it could be altered in an undesirable way, and therefore is a security hazard. In addition, the mobile application that visited the untrusted host can no longer be trusted to execute within the TCB. All of these security problems with mobile application need to be overcome before mobile applications become more accepted as ~~[[a]]~~ an alternative to traditional computing systems. Thus, it is desirable to provide a mobile application security system and method that overcomes the above problems and limitations with conventional mobile application systems and it is to this end that the present invention is directed so that mobile applications may be used in most financial, commercial, and military computer systems.

Please replace the paragraph beginning at page 11, line 20 with the following amended paragraph:

In a preferred embodiment, the mobile application controller 64 may include security software 66 and a communications software 68. The combination of the software may solve the problems with typical mobile application systems so that: 1) ~~An~~ A hostile host cannot send code with undesirable behavior to another host; 2) A mobile application can be protected from a hostile host; and 3) A mobile application can be securely sent to or received from a host outside of a group of trusted computers, known as the Trusted Computing Base (TCB) without fear of hostile activity. The way in which the security system in accordance with the invention overcomes these problems will now be described.